

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1. (Currently Amended) An integrated process for lowering the pour point of Fischer-Tropsch derived wax which comprises:

- (a) collecting separately from a Fischer-Tropsch unit a Fischer-Tropsch wax and a Fischer-Tropsch condensate;
- (b) pyrolyzing the Fischer-Tropsch wax in a thermal cracking zone under thermal cracking conditions pre-selected to achieve a cracking conversion of the paraffins molecules present in the Fischer-Tropsch wax of at least 10 percent;
- (c) recovering from the thermal cracking zone a low pour point Fischer-Tropsch derived wax and a Fischer-Tropsch derived overhead product; and
- (d) mixing at least a portion of the Fischer-Tropsch derived overhead product recovered in step (c) and at least a portion of the Fischer-Tropsch condensate collected in step (a) with at least a portion of the low pour point Fischer-Tropsch derived wax in the proper proportion to produce a Fischer-Tropsch derived waxy product having a pour point equal to or below about [[40]] 20 degrees C.

- Claim 2. (Original) The process of claim 1 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 20 percent.
- Claim 3. (Original) The process of claim 2 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 30 percent.
- Claim 4. (Original) The process of claim 3 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 50 percent.
- Claim 5. (Canceled), without prejudice.
- Claim 6. (Original) The process of claim 1 wherein the Fischer-Tropsch derived overhead product of step (c) is further separated prior to step (d) into a C<sub>5</sub> plus hydrocarbon product and a C<sub>4</sub> minus hydrocarbon product and the C<sub>5</sub> plus hydrocarbon product is mixed with the Fischer-Tropsch condensate and the low pour point Fischer-Tropsch derived wax in step (d) to produce the Fischer-Tropsch derived waxy product.
- Claim 7. (Original) The process of claim 6 wherein the C<sub>4</sub> minus hydrocarbon product is recycled to the Fischer-Tropsch unit.
- Claim 8. (Original) The process of claim 6 wherein methane is separately recovered from the C<sub>4</sub> minus hydrocarbon product prior to the C<sub>4</sub> minus hydrocarbon product being recycled to the Fischer-Tropsch unit and the methane is recycled to a reformer for conversion into syngas for use as feed to the Fischer-Tropsch unit.

- Claim 9. (Original) The process of claim 1 further including the step of blending with the Fischer-Tropsch waxy product a petroleum derived crude.
- Claim 10. (Original) The process of claim 1 wherein the Fischer-Tropsch derived waxy product also has a reduced viscosity as compared to the Fischer-Tropsch wax.
- Claim 11. (Currently Amended) A process for lowering the pour point of Fischer-Tropsch derived wax which comprises:
- (a) collecting separately from a Fischer-Tropsch unit a Fischer-Tropsch wax and a Fischer-Tropsch condensate;
  - (b) pyrolyzing the Fischer-Tropsch wax in a thermal cracking zone under thermal cracking conditions pre-selected to achieve a cracking conversion of the paraffins molecules present in the Fischer-Tropsch wax of at least 10 percent;
  - (c) recovering from the thermal cracking zone a thermally cracked Fischer-Tropsch derived wax intermediate having a lower pour point than the Fischer-Tropsch wax; and
  - (d) mixing at least a portion of the Fischer-Tropsch condensate collected in step (a) with at least a portion of the thermally cracked Fischer-Tropsch derived wax intermediate in the proper proportion to produce a Fischer-Tropsch derived waxy product having a pour point equal to or below about [[40]] 20 degrees C.

- Claim 12. (Original) The process of claim 11 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 20 percent.
- Claim 13. (Original) The process of claim 12 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 30 percent.
- Claim 14. (Original) The process of claim 13 wherein the thermal cracking conditions in the thermal cracking zone are pre-selected to achieve a cracking conversion of at least 50 percent.
- Claim 15. (Original) The process of claim 11 wherein the thermally cracked Fischer-Tropsch derived wax intermediate has a pour point of less than about 45 degrees C.
- Claim 16. (Canceled), without prejudice.
- Claim 17. (Original) The process of claim 11 further including the step of blending with the Fischer-Tropsch waxy product a petroleum derived crude.
- Claim 18. (Original) The process of claim 11 wherein the Fischer-Tropsch derived waxy product also has a reduced viscosity as compared to the Fischer-Tropsch wax.